

**POWER ESTIMATION USING WEIGHTED  
SUM OF PILOT AND NON-PILOT SYMBOLS**

**ABSTRACT**

In one embodiment, the invention is directed toward methods for estimating the power of a received signal encoded with both pilot and non-pilot symbols. The method may include separately accumulating the pilot symbols and the non-pilot symbols and then estimating signal power by calculating a weighted sum of the accumulated pilot and non-pilot symbols. In this manner, a more accurate estimate of the power of the received signal can be obtained.